

S/091/62/000/010/015/085

Radiation electrochemical processes in ... B138/B101

uranium salts were subjected to radiolysis, the rate of U(5+) accumulation in the mixture of U(4+) and U(6+) was twice as high as in the U(4+) solution. In the H₂SO₄ solution with (COOH)₂ additions, the curve for the accumulation of H₂ in dependence on the (COOH)₂ concentration shows a maximum at $\sim 1 \cdot 10^{-2}$ N. H₂O₂ formation begins in this same range.

[Abstracter's note: Complete translation.]

Card 2/2

S/844/62/000/000/030/129
D244/D307

AUTHORS: Gochaliyev, G. Z., Zalkind, Ts. I. and Vsevolovskiy, V. I.

TITLE: The radiation electrochemical processes in oxygen-bearing aqueous solutions of sulphuric acid

SOURCE: Trudy II Vsesoyuznogo soveshchaniya po radiatsionnoy khimi. Ed. by L. S. Polak. Moscow, Izd-vo AN SSSR, 1962, 185-187

TEXT: The authors investigated radiation-chemical processes in O₂-containing solutions to obtain additional data on the intermediate reaction products. The experiments were conducted at 10°C ± 1°C with a rotating Pt electrode and a dropping Hg electrode immersed in 0.005 N H₂SO₄ + 0.5 N Na₂SO₄ containing O₂. The irradiation dosage was 4 x 10¹⁶ ev/ml.sec. On irradiation there appear two waves in the polarization curve for the Pt electrode, occurring at 0.76 and 1.6 v, corresponding to the oxidation of H₂O₂ formed

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The radiation ...

S/844/62/000/000/030/129
S244/D507

during irradiation, and the value of the limiting current at the reducing potentials of O_2 is increased. Fifty minutes after the beginning of irradiation, stationary currents are established, corresponding to the oxidation of H_2O_2 . After the end of irradiation, current decreases in both cases, which is ascribed to the disappearance of intermediate reaction products capable of being oxidized at the same potentials as H_2O_2 and reduced at the reduction potential of O_2 at the Pt electrode. For the dropping Hg electrode there are also two polarization waves, the first of which corresponds to the reduction of O_2 to H_2O_2 through the intermediate stage of HO_2 formation, and the second corresponding to the reduction of H_2O_2 to H_2O . An increase in the current during irradiation takes place both at the reduction potentials of O_2 and at that of H_2O_2 . For the Pt electrode, the current decreases at the reduction potentials of O_2 after the irradiation is cut off. The stationary con-

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The radiation ...

3/844/62/000/000/030/129
D244/D307

centration of H_2O_2 obtained during the irradiation was calculated. With decreasing concentration of H_2O_2 (1.64 to $1.18 n \times 10^{-3}$) the concentration of the intermediate products falls from 3.4×10^{-4} to 1.6×10^{-4} M. There are 5 figures and 1 table.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physico-Chemical Institute im. L. Ya. Karpov) ↴

Card 3/3

S/844/62/000/000/0128/129
D444/D307

AUTHORS: Gochaliyev, G. Z. and Zalkind, Ts. I.

TITLE: An electrochemical method for determining the dose rate
of γ radiation

SOURCE: Trudy II Vsesoyuznogo soveshchaniya po radiatsionnoy khi-
mii. Ed. by L. S. Polak. Moscow, Izd. vo AN SSSR, 1962,
741-746

TEXT: If an electrode possessing a surface very large relative to
the volume of solution, is immersed in a solution of oxalic acid,
practically all the hydrogen formed by radiolysis is oxidized on
the electrode, and the current is proportional to the rate of hy-
drogen formation, which is shown to be linearly dependent on the
dose rate. The electrode used was in the form of a platinum grid
on glass. Tests in the range of 5 - 750 r/sec confirmed the linear
relation, reproducibility being $\pm 1\%$. The system can also be used
to measure the yield of hydrogen if the dose rate and the volume
of solution are known. The electrochemical dose-meter instrument

Card 1/2

GOUALIYEV, G.Z.; ZALKIND, TS.I.; VSELOVSKIY, V.I.

Stationary electrochemical process in the irradiated system Pt
(sulfuric acid solution) Au. Dokl. AN SSSR 146 no.1:131-134. S
'62. (MIRA 15:9)

1. Fiziko-khimicheskiy institut im. L.Ya. Karpova. Predstavлено
академиком A.I. Frumkinym.
(Electrochemistry) (Radiation) (Systems (Chemistry))

GOBOV, G. V.

Absorption and luminescence spectra of stilbene and tolan in
frozen crystalline solutions at 77°K. Izv. AN SSSR. Ser. fiz.
27 no.1:11-14 Ja '63. (MIRA 16:1)

(Stilbene-Spectra) (Acetylene-Spectra)

AKARTSUNYAN, P. S., GLUKHOV, A. M., GOCHAROV, D. V., KOVALEV, A. I. and SHVORTSOV,
S. A.

"Fuel Elements for Light Water Cooled and Moderated Reactors of Atomic Power
Stations."

paper to be presented at 2nd UN Intl. Conf. on the peaceful uses of Atomic
Energy, Gneeva, 1 - 13 Sept 58.

KHAZAN, G.L.; TARNOPOL'SKAYA, M.M.; BATYRENKO, R.I.; GOCHAROVA, N.N.;
YEREMENKO, S.V.; KANGELARI, S.S.; KUTEPOV, V.N. (Khar'kov)

Influence of the microclimate of the plant and of industrial
labor on the incidence of respiratory diseases among machinery
industry workers. Vrach.delo no.2:199 F '60. (MIRA 13:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut gigiyeny truda
i professional'nykh zabolеваний.
(MACHINERY INDUSTRY--HYGIENIC ASPECTS)
(RESPIRATORY ORGANS--DISEASES)

GOCHELASHVILI, Z.A.

Dynamics of the soil microflora in a mandarin plantation. Mikro-
biologija 31 no.6:1048-1053 N-D '62. (MIRA 16:3)

1. Gruzinskiy institut subtropicheskogo khozyaystva.
(TANGERINE—FERTILIZERS AND MANURES) (SOIL MICRO-ORGANISMS)

GOCHEV, Al., inzh.

Some suggestions regarding the execution of masonry work
by the newest methods. Godishnik Inzh stroit inst 16
no.2;101-116 '64.

MAZHDRakov, G., st. asistent; DASKALOV, A., st. asistent; GOCHEV, D.,
klin. ordinator.

Diseases following gastric resection. Nauch. tr. ISUL, Sofia
2 no.1:83-106 1953.

1. Klinika po vutreshni bolesti sus stomashno-chrevni i
chernodrobni zaboliavaniia i lechebno khranene i tsentralna
klinika i khematologichna laboratoria. Direktor: prof.
T. A. Tashev.

(PEPTIC ULCER, surgery,
gastrectomy, postop. compl.)

GOCHEV, Dimitur (Sofia)

Semiconductor lasers. Mat i fiz Bulg 7 no.6:1-6 N-D '64.

GOCHEV, G.; GROMKOV, G.

Welding the scrap pieces of drills.

P. 42, (Teshka Promishlenost) Vol. 6, no. 3, Mar. 1957, Sofia, Bulgaria

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

BULGARIA / Chemical Technology. Chemical Products and Their Applications. Elements. Oxides. Mineral Acids, Bases, Salts.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12317.

Author : Tatarski, A.; G'ochev, G.

Inst : Not given.

Title : For the Rational Utilization of Pyrite.

Orig Pub: Khimiya i industriya (Bulg.), 1958, 30, No 1, 1-2.

Abstract: Methods for utilization and refining of pyrites (P). Production of H_2SO_4 in the Bulgarian PR. Technical-economic indicators of the process of roasting P depending on the S content in it. Use of P with low S content can be economically useful only when the plant is located in the immediate vicinity of P deposits and transportation costs are excluded. In all other cases, it is expedient

Card 1/2

ACC NR: AT7005779

SOURCE CODE: BU/2506/66/009/000/0101/0118

AUTHOR: Sokerova, D.; Grigorova, E.--Grigorova, Ye.; Gachev, P.

ORG: none

TITLE: Investigation of the elements and seismotectonic characteristics of the 15 March 1964 earthquake in the Yambol region

SOURCE: Bulgarska akademiya na naukite. Geofizichniya institut. Izvestiya, v. 9, 1966, 101-118

TOPIC TAGS: earthquake, seismicity, macroseism, epicenter, ~~focal depth~~, earth crust, seismic wave, SEISMOGRAPHY / YAMBOL REGION

ABSTRACT: The earthquake of 15 March 1964 in the Yambol region was investigated using macroseismic and instrumental data. The magnitude of the earthquake was determined to be $M = 4$, while its intensity at the village of Skobeleva was VI. The earthquake originated at 20 hr 55 min 16 ± 0.5 sec at a focal depth of 5–8 km. The geographic coordinates of the epicenter were determined to be $\phi = 42^\circ 30.7'$ and $\lambda = 26^\circ 23.6'$. The epicenter location error is believed not to exceed ± 3 km. The velocities of body waves in the seismic zone were calculated to be as follows:
 $VP = 6.48 \pm 0.024$, $V_S = 4.15 \pm 0.018$, $V_{Pg} = 4.72$, and $V_{Sg} = 3.20$ km/sec. The reason for the low values of seismic waves in the area in comparison to other regions in Europe were not established and will be the subject

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UDC: none

ACC NR: AT7005779

of a future study. The depth to the Mohorovicic discontinuity in the Yambol region was determined to be 34 ± 4 km. The geotectonic characteristics of the area and the origin of the earthquakes are discussed. It was found that the earthquakes in the Yambol seismic zone are associated primarily with two faults, extending to depths between 5 and 25 km. Orig. art. has: 13 formulas, 12 figures, and 6 tables. [CS]

SUB CODE: 08/ SUBM DATE: 10Jul65/ ORIG REF: 015/ OTH REF: 007/ SOV REF: 006/
ATD PRESS: 5115

Card 2/2

GOCHEV, P.M.; IVANOV, Zh.; KHAIDUTOV, Iv.

Structural peculiarities of the Mezdra pluton and its framework.
Izv Geol inst BAN 12:5-76 '63.

GOCHEV, S.

"Method $\lambda-\varphi$ for measuring parts with central pressure."

STROJITELISTO, Sofia, Bulgaria, Vol. 6, no. 6, 1959

Monthly List of East Europe Accessions (SEAI), LC, Vol. b, No. 6, Jun-59,
Unclassified

GOCHEV, Stefan, inzh.

A method of static computation of continuous girders and
framed constructions by direct determination of the bending
moments. Pt.1. Stroitelstvo 11 no.5:26-31 S-O '64.

IVANOV, D.; GOCHEV, V.; RALEVA, M.

Extraction of potassium from the eruptive rocks of the village Svidnya,
region of Sofia. Godishnik khim ~~tech~~ 7 no.1/2:1-12 '60 [publ. '61].

IVANOV, D.; GOCHEV, V.; TSOCHAEVA, L.

Baking of alkali syenite with calcium dichloride and calcium oxide for obtaining potassium chloride from syenite. Godishnik khim tekh 9 no. 3:101-109 '62 [publ. '63]

IVANOV, D.G.; GOCHEV, V.M.; CHOLAKOVA, I.F.

Extraction of potassium from waste lye in the Pomoriiski Solnitsi State Mining and Salt Enterprise for the obtainment of potassium fertilizers. Khim i Industriia 35 no.6:206-209 '63.

CCCHEV, Vulko, inzh., dots.

Technical investigation of the saw system "Gubisch" with the aim of increasing its productivity. (To be contd.) Turvomebel prom 5 no.3:7-13 My-Je '62.

1. Vissz lesotekhnicheski institut.

GOCHEV, Vulko, inzh.

Main tasks of the cadres in woodworking and furniture industries in
1962. Durvomebel prom 5 no.1:1-3 Ja-F '62.

1. Zam. predsedatel na Komiteta po promishlenostta.

GOCHEV, Vulko, inzh.

Correction of permissible errors. Durvomebel prom 7 no.6;3-10
N-D '64.

GOCHEV, Vulko, dotsent inzh.

An explanatory reply. Durvomebel prom 7 no.6:10-12 N-D '64.

GOCHEV, Vulko, inzh., dots.

Technical studies on the sawmill of the system "Gubisch" with a view to increase its productivity. Durvomebel prom 5 no.4:3-8 Jl-Ag '62.

1. Vissh lesotekhnicheski institut.

COUNTRY	: Bulgaria
CAT. COPY	:
ABS. JOUR.	: RZhKhim., no. 22 1959, no. 79126
AUTHOR	: Tresov, D. G., Goshev, V. M., and Shchukina, D. S.
TITLE	: Not given
ABSTRACT	: The Extraction of Potassium from Alkaline Syenite from a Deposit Near Sybinya Village, Sofia Oblast by the Hydrothermal Process
ORIG. PUB.	: Khimiya i Industriya (Bulgaria), 30, No. 5, 1959, 1-2 (1959)
ABSTRACT	: The feasibility of extracting potassium from syenites with high alkaline content has been established. The syenites are mixed with CaO and water and treated for 6 hrs in an autoclave under a pressure of 10 atm. The oxides of potassium and aluminum which pass into solution during the decomposition of the syenites are separated by carbonation with the formation of CaCO_3 containing small amounts of Al_2O_3 . The soluble carbonates of K and Na are converted to other

CARD: 1/2

120

COUNTRY : Bulgaria

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000615520001-1

ABS. JOUR. : RZhKhim., no. 22 1959, no. 79126

AUTHOR :

TITLE :

ORIG. PUB. :

ABSTRACT : compounds. The residue from the filtration of the product mass obtained in the autoclave has a composition close to that of portland cement and can be used in the manufacture of the latter. The bibliography lists 12 titles.

Ye. Strelanov et al.

CARD: 2/2

GOCHEV, V.M.; IVANOV, D.G.

Caking of alkali syenite with calcium and sodium carbonates.
Khim i industriia 36 no. 3x86-90 '64.

GOCHEV, V.S., master; KIRLYAND, B.V., inzh.; MOLCHADSKIY, M.T., inzh.

Conversion of a single-flow mechanical TKZ filter to double-flow.
Elek. sta. 33 no.6:74-76 Je '62. (MIRA 15:7)
(Feed-water purification) (Filters and filtration)

KERMAN, E.Ya., inzh.; GOCHEV, V.S., inzh.; MOLCHADSKIY, M.T., inzh.

Periodic dispensing of magnesite into a clarifier. Elek.
sta. 34 no.7:82-83 Jl '63. (MIRA 16:8)

GOCHEV, V.S., master; MOLCHADSKIY, M.T., inzh.

Improved system for introducing milk of lime into a clarifier.
Energetik 11 no.10:13-14 O '63. (MIRA 16:11)

PRUDEN, R. Ye., TANZI, MOLCHANOV, M. I., INAN; GORCHEV, V. V., LIAZIS.

Improved operation of sodium cation exchange filters. Energetik
12 no.4:11-12 Ap '64. (MIRA 17:7)

GOCHEV, V.S., master; MOLCHADSKIY, M.T., Inzh.

Repair of the grooved drainage system of sodium cation exchange
filters. Energetik 12 no.5:24 My '64. (MIRA 17:6)

SHUMILYANSEVA, N.I.; GOREEV, V.S.; VOLCHIKHIN, M.V.

Prolongation of the filtration cycle of cellulose filter
inserts. Prom. energ. 19 no.8:31-33 Ag '64.
(MIRA 17:11)

GOCHEV, V.S., master (Candidate), MOLCHANOV, M.I., radioe. (Officer)
Preventing air leakage into a clarifier. Naergetix 13 no. 11, p. 17
O '65.

(MIRA 1810)

1. Nizanskaya tepicalektrostantsiya.

SHUMYANSKAYA, N.I., tekhnik (Odessa); GOCHEV, V.S., master tsekha
(Odessa); MOLCHADSKIY, M.T., inzh. (Odessa)

Hydraulic packing of cellulose in cartridge filters. Energetik
13 no.11:14-15 N '65. (MIRA 18:11)

GOCHEV, V.S., master; MOLCHADSKIY, M.T., inzh.

Use of double-flow mechanical filters in a liming network.
(MIRA 18:12)
Elek. sta. 36 no.12:74-75 D '65.

GOCHITASHVILI, K. I.

Gochitashvili, K. I. - "The chemical composition and food value of crude fodders in Eastern Georgia", Stornik trudov (Gruz. zootekhn.-vet. in-t), Vol. VI, 1948, p. 49-61, with table, (In Georgian, res. me in Russian).

SO: U-4110, 1 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 19, 1949

COUNTRY : USSR
CATEGORY : Farm Animals.
Poultry.
ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25919 Q
AUTHOR : Gochitashvili, K. I.; Esartiya, G. I.
INST. : Georgia Zootechnical Veterinary Institute.
TITLE : Experiments Pertaining to Supplementary
Feeding Chicks with Hydrolized Rasa Krasno-
yarskaya-9 Protein Yeasts.
ORIG. PUB. : V sb.: Materialy 13-y nauchn. konferentsii
(Gruz. zootekhn. vet. in-t). Ch. 2. Tbilisi,*
ABSTRACT : In the course of 40 days, 45-56 days old chicks
were supplementarily fed yeast in a 3 g daily
dose each, and at the age of 57-65 days with
a 4 g dose, while chicks of the control group
were each given 3 g of dry skim milk during
both these time periods. Within this time the
average weight gain in the experimental group
amounted to 538 g, and in the control group
to 529 g per chick. In another experiment,
chicks 3-9 days old were supplementarily fed
0.3 g of yeast each, chicks 10-14 days old

Card: 1/2
*1957, 22-26

GOCHIN, V., inzh.

Concreting reinforced concrete ship hulls in winter conditions.
Rech. transp. 19 no.11:41 N '60. (MIRA 13:11)
(Concrete construction—Cold weather conditions)
(Shipbuilding)

GOCHITASHVILI, K.I., dots.

Fodder yeasts from hydrolytic processes as a partial milk substitute for calves. Zhivotnovodstvo 20 no.9:46-49 S '58.
(MIR. 11:10)

1. Gruzinskiy zooveterinarnyy institut.
(Calves--Feeding and feeding stuffs) (Yeast)

G. C. H., M.

Country: BRITAIN
 Category: Biology and Medical Physiology - Respiration
 Ann. Year: 1950, p. 15, 1950, 8690
 Author: Lappl, W.G.; Villanueva, K.; Stoltz, G.; Gedda, R.
 Title: Respiratory Activity
 File: Reportative Investigation of the Role of the Nervous System in the Development of the Alveolar Pulmonary Secretory Substrate.

Org. Pub.: Br. Med. Jour., Ltd., LHR, 1950, v. 2, 119-127

Abstract: Following the administration of histamine (1) (to 7) into the alveoli lobe of the experimental lung of guinea pigs with unilateral vagal, the onset of asthma (i.e. the contract of the voluntary tissue was lower (within 2 hours) than in control) was within 6 minutes following injection.

Card: 2/3

Sample (at intervals of 5 days) administration of the identical doses of 1 to several guinea pigs. Removal of the lungs developed, particularly marked in the middle lobe of the right lung, where it was observed at the end of the second period both lungs of the vagotomized and controls showed normal. During certain stages (within one month) the following (similar increase and intercurrent changes (slight disturbances of metabolism) were observed. In both groups of controls; however, the following were less marked in the vagotomized controls. The above results are evidence and a proof of formation of a "vagouse reflex cycle" following.

Card: 2/3

P-54

The injection of 1 into the lungs leading through the development of typical disturbances to cover the vagal administration of 1 in the times lead to the development of asthma. Mechanism of interpretation of the above interpretation this via two cycles. — D. A. E. [unclear]

Card: 2/3

MATL, Zd., Dr.; OOCIAR, Fr.; HERMGEN, L.; JALUVKA, A.; KIADIVOVA, L.;
NEUMANN, R.; SYROTA, Fr.

Effect of isoniazid in long/kg dosage in tuberculosis of the
lymph nodes. Cesk. pediat. 12 no.8:750-753 5 Aug 57.

l. Detske leceni tuberkulosy-Kosumberk, Krc, Sumperk, Abraham,
Doln Smokovec.

(TUBERCULOSIS, LYMPH NODES, ther.

isoniazid, dosimetric indic. (Cx))

(ISONIAZID, ther. use

tuberc., lymph nodes, dosimetric indic. (Cx))

J
SLOVAKIA

GOCIAR, F; ROTTER, Z., MD.

Children's Pulmonary Ward of the Thomayer Hospital
(Detske plieni oddeleni Thomayerovy nemocnice),
Prague (for both)

Prague, Rozhledy v tuberkulose, No 9, 1963, pp 61-624

"Tuberculin reaction in Children with Complications following
Vaccination Against Tuberculosis."

LUPU, N. GH., Academician; VELICAN, C.; STOICA, Gj.; GOCIU, V.

Experimental study of the role of the nervous system in
production of histaminic pulmonary sclerosis. Bul. stiint.
sect. med. 8 no.1:37-47 Jan-Mar 56.

(LUNGS, diseases
exper. histamine-induced sclerosis, role of nerv.
system in prod.)

(SCLEROSIS, exper.
lungs, histamine-induced, role of nerv. system in
prod.)

(NERVOUS SYSTEM, physiology
role in prod. of histamine-induced pulm. sclerosis)

(HISTAMINE, effects
exper. pulm. sclerosis, role of nerv. system in prod)

66-166-12

GOLSTEIN, I.; KAHAN, A.; GOCIU, M.

Experimental reproduction of cardiac lesions of the rheumatic type.

Probl. ter., Bucur. no.7:125-139 1957.

(RHEUMATIC HEART DISEASE, experimental
methods of prod. & histopathol.)

LUPU, N. Gh.; VELIKAN, C.; GOCIU, M.; RACOVEANU, C.

Histaminic pulmonary sclerosis. I. Microscopic aspects of the immediate changes in the respiratory parenchyma after administration of histamine.
Probl. ter., Bucur. 8:129-138 1957.

(PULMONARY FIBROSIS, experimental histamine-induced, in guinea pigs, histopathol. & evolution)

(HISTAMINE, effects exper. pulm. fibrosis, in guinea pigs, histopathol. & evolution)

PAUN, R., Dr.; ENESCU, Viorica, dr.; GOCIU, M. dr.

Hepatic xanthoma tuberosum; contributions to its pathogenesis.
Med. int., Bucur. 9 no.2:301-307 Feb 57.

1. Clinica I-a medicala I.M.F. a Spitalului "Colentina."
(XANTHOMA, case reports
tuberous, with hepato-splenomegaly & cancer of
extrahepatic biliary tract)
(BILIARY TRACT, neoplasms
extrahepatic, with xanthoma tuberosum & hepato-
splenomegaly)
(SPLENOMEGLY, case reports
hepato-splenomegaly, with xanthoma tuberosum & cancer
of extrahepatic biliary tract)

MARINESCU, Speranta;ENESCU, Viorica;CERNESCU, Alexandra;OCIU, Mariana

Chronic erythroblastosis in adults (Heilmeyer-Schoner type);
case report. Med. int., Bucur. 9 no.6:925-931 June 57.

1. Lucrare efectuata in Clinica medicala a Spitalului "Colentina"
director, acad. N. Gh. Jupu.

(POLYCYTHEMIA VERA, case reports

chronic erythroblastosis, Heilmeyer-Schor r type,
in aged man.

Gociu, M.

RUMANIA / Pharmacology, Toxicology. Histamine and V
Antihistaminics.

Abs Jour: Ref Zhur-Biol., No 18, 1958, 85175.

Author : Lupu, N., Velican, C., Gociu, M., Racovenau, C.
Inst : Not given.
Title : Studies of the Process of Pneumosclerosis caused
by Histamine.

Orig Pub: Morfol. normala si patol., 1958, Vol 3, No 1, 11-
22.

Abstract: The intrapulmonary injection of 10-gamma doses of histamine (H) three times, or the daily inhalation of tobacco smoke, causes in guinea pigs (the experiments were run on 440 animals) an elevation in the content of H in the pulmonary parenchyma of 3-4 times the normal level, within 3 months from the onset of the experiment. The high content of

Card 1/2

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LUPU, N. Gh.; VELIGAN, C.; GOCIUM, M.; VELIGAN, Doina

Notes on acid mucopolysaccharides of the respiratory parenchyma
in certain extrapulmonary diseases. Probl. ter., Bucur. 10 no.1:
11-18 1959.

(MUCOPOLYSACCHARIDES, determination
acid, in resp. parenchyma in liver cirrhosis, myeloid
leukemia, abdom. neoplasms & other extrapulm. dis.)

(LIVER CIRRHOSIS, physiology
acid mucopolysaccharides in resp. parenchyma)

(LEUKEMIA, MYELOCYTIC, physiology
same)

(ABDOMEN, neoplasms
same)

(RESPIRATORY TRACT, physiology
acid mucopolysaccharides in parenchyma in liver cirrhosis,
myeloid leukemia, abdom. neoplasms & other extrapulm. dis.)

LUPU, N. Gh., academician; VELICAN, C.; GOCIU, M.; VELICAN, Doina

Observations on the acid mucopolysaccharides of the respiratory
parenchyma in certain diseases with extrapulmonary localization.
Probl. ter. 10 no.1:11-18 '59.

(MUCOPOLYSACCHARIDES chemistry)
(LUNG chemistry)
(LIVER CIRRHOSIS pathology)
(LEUKEMIA, MYELOCYTIC pathology)
(NEOPLASMS pathology)

MICU, D.; GROZEA, P.; SAFIRESCU, Eugenia; MAXIMILLIAN, Stefania;
GOCIU, Mariana; MATEESCU, Despina

Contribution to the cytological and enzymo-chemical study of the
normal and pathological lymph node. The lymph node in acute
inflammation. Stud. cercet. med. intern. 2 no.3:351-359 '61.
(LYMPH NODES pathology) (ENZYME chemistry)
(INFLAMMATION pathology)

MICU, D.; GROZEA, P.; MAXIMILLIAN, Stefania; SAFIRESCU, Eugenia; GOCIU, Mariana; MATEESCU, Despina

Contribution to the cytological and enzymological study of normal and pathological lymph nodes. III. Lymph nodes in chronic inflammation. Stud. cercet. med. intern. 2 no.4:527-537 '61.

(LYMPH NODES pathology) (ENZYME chemistry)
(INFLAMMATION pathology)

STOICHITA, Mihaela; GHEORGHIU, Maria; GOIU, Mariana

Studies on the mechanism of the lymphocytopenia in Hodgkin's disease.
Stud. cercet med. intern. 2 no.4: 539-550 '61.
(HODGKIN'S DISEASE'immunology) (LYMPHOCYTES)

ROXIN, T.; GEIB, R.; SIGNEA, Elena; GOIU, Mariana; BUJAR, H.; GRANCEA,
Alexandra

The place of radiotherapy in the current treatment of malignant
lymphogranulomatosis. Clinical and radiological study of 105 cases.
Stud. cercet. med. intern. 3 no.5:631-640 '62.
(HODGKIN'S DISEASE) (RADIOTHERAPY)

ZAMFIRESCU-GHEORGHIU, Marcela; PETRESCU, M.; GROZEA, P.; GOCIU, Mariana;
SIGHETEA, Elena; CIOBANU, Florina

Contribution to the study of serum pyruvic acid in some malignant
blood diseases. Stud. cercet. med. intern. 3 no.6:749-753 '62.
(PYRUVATES) (LEUKEMIA) (HODGKIN'S DISEASE)
(MULTIPLE MYELOMA) (SARCOMA, RETICULUM CELL)
(LYMPHOSARCOMA) (MYXOSARCOMA)

GOCIU, Mariana; VELICAN, C.; GROZEA, P:

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III. Research on intramastocytic acid mucopolysaccharides in acute and
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(LYMPH NODES) (MUCOPOLYSACCHARIDES) (GLYCOPROTEINS)
(HISTOLOGICAL TECHNICS)

ZAMFIRESCU-GHEORGHIU, Marcela; PETRASCU, M.; GROZEA, P.;
MIHAILESCU, Eugenia; GOCIU, Mariana; SIGNEA, Elena

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(RETICULOENDOTHELIOSIS) (ERYTHREMIC MYELOSIS)
(ANEMIA, MYELOPHTHISIC) (ANEMIA, ERYTHROBLASTIC)
(MULTIPLE MYELOMA) (ANGIOSARCOMA)

LUPU, N.Gh.; academician; MICU, D.; MIHAILESCU, Eugenia; MAXIMILIAN, Stefania; GROZEA, P.; GOCIU, Mariana; SIGHETEA, Elena

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(LEUKEMIA) (BLOOD CELLS) (BONE MARROW) (ENZYME TESTS)
(OXIDASES) (PEROXIDASES) (PHOSPHATASES)
(GLYCOGEN) (RNA)

ZAMFIRESCU-GHEORGHIU, Marcela; PETRESCU, M.; GROZEA, P.;
GOCIU, Mariana; SIGHETEA, Elena

Research on some enzyme tests in several malignant hemopathies.
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(HODGKIN'S DISEASE) (LEUKEMIA)
(ERYTHREMIC MYELOSIS) (SARCOMA, RETICULUM CELL)
(LYMPHOSARCOMA)

GROZEA, P.; MAXIMILIAN, Stefania; MIHAILESCU, Eugenia; GOCIU, Mariana

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(LEUKEMIA) (ENZYME TESTS)
(BONE MARROW EXAMINATION) (PEROXIDASES)

PETRESCU,M.; OLARU, Cornelia; SIGHETEA, Elena; GROZEA, P.; GEIB,R.;
GOCIU, Mariana

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(DRUG ALLERGY) (ACETYLSALICYLIC ACID)
(PHENOBARBITAL) (BELLADONNA)
(AMINOPYRINE) (LIVER EXTRACTS)

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SIGHETEA, Elena, dr.

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ZAMFIRE, VASILY G. M., DOB: 1930, ADDRESS: 10, TIKHAYA, KAZAKH
MACHINES, MTCZK, ASTANA.

Period: upper estimate during 1980-1985. Age: 50-55. Height:
and weight: unavailable. Studied at: Bishkek, Kyrgyz SSR, 1962-
1964.

1. Institute of Internal Medicine, Kirghiz Academy and Ministry
of Health and Social Welfare. Graduated July 13, 1964.

BERCEANUM, St.; GOCIU, Mariana; RAILKANU, Ioana

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(ADOLESCENCE, diseases,
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lipoma (Pol))

(LIPOMA,
cecum (Pol))

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Acta geol Hung 8 no.1/4:203-228 '64.

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1. Hungarian Geological Institute, Budapest.

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✓ 1079. Asphalt and grout packing problems. W. Gorczak and A. Karapliński. *Nefta (Krakow)*, 1954, 10, 282-5. Author(s) recommend pipelines as ideal means of transportation, but here the limit is 2 km. Depending on hardness, asphalt may be sent in unwrapped blocks, Isopack bags, and in rail and road-tank cars. Isopack bags require certain improvements and tank cars present a problem due to cooling. In spite of lagging. During cold weather asphalt can be transported in open drums. Wooden barrels and paper bags have failed to give satisfaction. M. S.

GOCZAK, W.; KETPLINSKI, A.

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Journal of the Iron and Steel Institute
Vol. 176
Apr. 1954
Properties and Tests

2. Flaws Occurring in the Treads of Railways, Wagons and Locomotive Wheels. W. Hartewski and J. Góczal. (Prace Instytutu Materiałów Inżynierskich, 1953, N. 14, 171-188). [In Polish]. Flaws in the form of surface cracks parallel and perpendicular to the wheel axis have been observed in the treads of railway wagon wheels. The influence of heat-treatment and hydrogen content of the steel on the formation of these cracks was examined. The following recommendations are made after investigations: (1) Heats for the production of railway wheel tyres should be correctly deoxidized. (2) Tyres should be made from large ingots of appropriate cross-sectional size, forged first perpendicular, then parallel to, the axis, and then rolled. (3) After rolling, the tyres should be slowly cooled in the temperature range 600-100° C. (in the furnace). (4) The heat-treatment should be (a) heat for hardening to 820° C., then cool slowly to about 30° C. above A_{c_1} ; (b) hold at that temperature to ensure even temperature through the whole cross-section; (c) quench the tyre for 2 to 3 min. in water at 35-50° C.; (d) transfer of the tyre quickly from quenching bath into annealing furnace, the temperature of which should not be lower than 300° C.; (e) anneal at 600-650° C. for 2 hr. and then cool in air.—Y. G.

GOCZAL, J.

Production and utilization of the controlled oven atmosphere of the RX type.
p. 22. (Hutnik, Vol. 2⁴, No. 3, Mar 1957, Katowice, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

18(5,7)

POL/39-59-4-9/14

AUTHOR: Goczal, J, Gawin, C and Chaj, A.

TITLE: News from the Iron Metallurgy Institute in Gliwice -
the Teepol Reagent as a Means to Determine Granular
Sizes in Steel

PERIODICAL: Hutnik, 1959, Nr 4, pp 167-172 (Poland)

ABSTRACT: The Polish trade name for the picric acid reagent known abroad as Teepol is Alkilo. Experiments carried out at the Institute in Gliwice showed that Teepol may be used in most cases and with most varieties of steel, this reagent may be used to reveal the granular structure of the metal. In the experiment, the time allowed for the reaction ranged from 5 to 12 minutes, depending on the concentration of the reagent and the type of steel tested. Reaction time can be shortened to 1 - 3 minutes, it was found, if the temperature of the experiment is raised to 55 °C. After the reaction the metal surface was slightly polished before microscopic examination. There are 15 microphotographs, ✓

Card 1/2

S/216/63/000/002/013/052
A058/A126

AUTHOR: Goczał, J.

TITLE: Wire patenting through resistance heating

PERIODICAL: Referativnyy zhurnal, Tekhnologiya mashinostroyeniya, no. 2, 1963, 60, abstract 2B264 (Prace inst. hutn., v. 14, no. 3, 1962, 131-136, Polish; summaries in Russian and English)

TEXT: The investigations were carried out using a specially built unit for wire patenting through resistance heating. It has been established that energy losses depend on the diameter of the wire and its speed when passing between electrodes. At small diameters of wire and high rates of heating the losses decrease with the result that the efficiency of the process increases. In the course of the investigation the austenizing temperature was varied from 800 to 1000°C, the speed of the wire from 6.5 to 31.5 m/min and the holding time of the wire in the lead bath from 5 to 24 sec. It has been established that at high rates of resistance heating of wire the austenizing temperature must be 50-100°C higher than when patenting wire with heating in a gas furnace. The length of the bath must

Card 1/2

Wire patenting through...

S/276/63/000/002/013/052
A052/A126

be selected in such a way that it secures the necessary time for the wire to stay in molten lead so that plastic properties of the wire are preserved.

T. Kislyakova

(Abstracter's note: Complete translation.)

Card 2/2

ACC NR: AP6036807

SOURCE CODE: PO/0039/66/000/011/0466/0473

AUTHOR: Goczał, Jan (Master engineer); Golek, Jan (Master engineer); Lasota, Julian
(Master engineer)

ORG: none

TITLE: New method of solution annealing narrow strips with direct resistance heating

SOURCE: Hutnik, no. 11, 1966, 466-473

TOPIC TAGS: steel heat treatment, steel solution annealing, solution annealing equipment, annealing, pyrometer

ABSTRACT: A new method and equipment for annealing narrow steel strips has been tested. In this method (see Fig. 1) steel strip 1 unrolls from drum 2 around guiding roll 4 and over roll electrodes 5 and 6 where it is heated to the required temperature. The flanges of rolls 5 and 6 are immersed in liquid Wood alloy 9 connected to transformer leads 8. The annealed steel strip is rapidly cooled by a stream of air from nozzle 10 and coils around drum 3. The temperature is measured by photoelectric pyrometer 11. The heat loss is prevented by insulating screens 12. The method was successfully tested on 1H18N9T steel strips, 30 mm wide and 0.5 mm thick, at speeds of 12 and 25 m/min, at 1100 and 1130°C, respectively. Other types of tested strips were OH18N9 steel strips (98 x 0.8 mm) and H17 steel strips (105 x 0.5 mm). The new

Card 1/2

UDC: 621.785.371.012.3:621.771.237.016.3

ACC NR: AP6036807

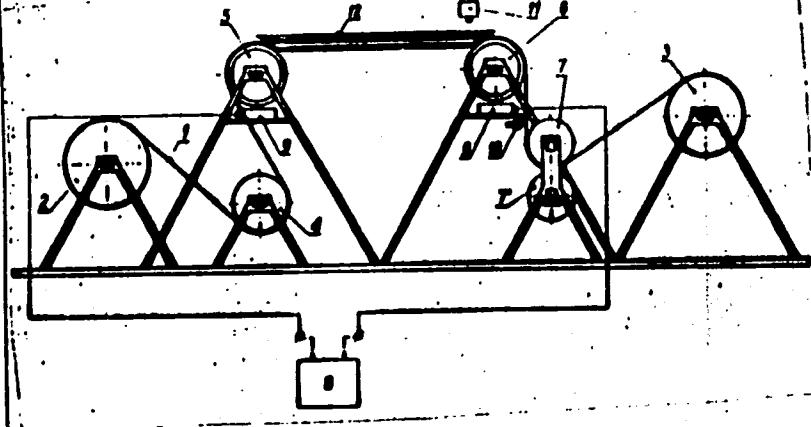


Fig. 1. Layout of equipment
for continuous annealing of
narrow strips with direct
resistance heating

method fulfills all the quality requirements and at the same time speeds up the annealing process by about six times, as compared with the conventional method. Orig. art. has: 10 figures and 9 formulas.

SUB CODE: 11, 13, 14/ SUBM DATE: none/ ATD PRESS: 5107

Card 2/2

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Influence of the parameters of wire pateeling with direct
resistance heating on the mechanical properties. Mechanika
Gliwice no.16:49-54 '62.

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